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## ABSTRACT OF THE DISCLOSURE

Fuel cell power systems and methods of controlling a fuel cell power system are provided. According to one aspect, a fuel cell power system includes a plurality of fuel cells electrically coupled with plural terminals and individually configured to convert chemical energy into electricity; and a digital control system configured to at least one of control and monitor an operation of the fuel cells. Another aspect provides a method of controlling a fuel cell power system including providing a plurality of fuel cells individually configured to convert chemical energy into electricity; electrically coupling the plurality of fuel cells; providing a first terminal coupled with the fuel cells; providing a second terminal coupled with the fuel cells; and coupling a digital control system with the fuel cells to at least one of monitor and control an operation of the fuel cells.